

Work Order ID 56259

Wednesday, February 17, 2010 11:04:37 AM



Page 1

Item ID: D205-665-017

Accept



Setup Start



Revision ID:

Stop



Item Name: Cable Guard

Start Date: 2/18/2010 Start Qty: 5.00



Required Date: 3/4/2010 Req'd Qty: 5.00



Cust Item ID:

Reference:

Customer:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								

D205-665

D

100



DC

Document Control

DOCUMENT CONTROL

0.00

Memo

0.00

Photocopy bluefile & type labels per PPPD205-665-017
CHG 001

8/10/12

HJ for BG 10/03/16

110



Packaging

Packaging

Pick Kit

0.00

Memo

0.00

Per 3/15 (5)

120



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

Memo

0.00

8/10/16

(X5)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 56259

Wednesday, February 17, 2010 11:04:37 AM



Page 2

Item ID: D205-665-017

Revision ID:

Item Name: Cable Guard

Start Date: 2/18/2010 Start Qty: 5.00

Required Date: 3/4/2010 Req'd Qty: 5.00

Reference:

Accept



Setup Start

Stop

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130



Packaging

Packaging

Packaging

0.00

Memo

0.00

Identify and pack for shipping as per PPP D205-665-017

Location:

PPP Rev: A

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

*Rec'd 3/16 (5)**10/03/17**W 10'03.16*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, February 17, 2010 11:04:37 AM

Page 1

Work Order ID: 56259

Parent Item: D205-665-017

Parent Item Name: Cable Guard

Comments: IPP RevA: New issue DD verified by:EC

Start Date: 2/18/2010

Required Date: 3/4/2010

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3990-1 Cable Guard		Manufactured	No			110	Each	5.0000	5.0000			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

5

54461

5

Manufactured

No

110

Each

50.0000

5.0000

54461

56184

D2529

Washer

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST017

50

52745

50

Manufactured

No

110

Each

513.0000

10.0000

D2570

Bushing

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST018

513

47246

4

53778

290

55003

219

53778

2/17/10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, February 17, 2010 11:04:37 AM

Page 2

Work Order ID: 56259

Parent Item: D205-665-017

Parent Item Name: Cable Guard

Comments: IPP RevA: New issue DD verified by:EC

Start Date: 2/18/2010

Required Date: 3/4/2010

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-47A 24 Bolt		Purchased	No			110	Each	109.0000	10.0000			

Warehouse

Location

Main Warehouse

ST

105978

15072

Loc Qty

Loc Code

109

100

9

Each

2,292.000

10.0000

105978 5x
15072 5x

2/14/15 (5)

MS21042L4 24

Nut

Purchased

No

110

Each

2,292.000

10.0000

Warehouse

Location

Main Warehouse

ST

102552

104248

110507

111827

113422

15924

Loc Qty

Loc Code

2292

6

6

184

1102

994

0

111827

Wednesday, February 17, 2010 11:04:37 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, February 17, 2010 11:04:37 AM

Page 3

Work Order ID: 56259

Parent Item: D205-665-017

Parent Item Name: Cable Guard

Comments: IPP RevA: New issue DD verified by:EC

Start Date: 2/18/2010

Required Date: 3/4/2010

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
NAS1149D0463J Washer		Purchased	No			110	Each	4,770.000	5.0000			

Warehouse

Location

Loc Qty

Loc Code

Main Warehouse

ST

4770

110914

16

113288

61

113524

90

113691

2

113706

4601

M113706

Wednesday, February 17, 2010 11:04:37 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

PARTS LIST

QTY -011	QTY -013	QTY -015	QTY -017	PART NUMBER	DESCRIPTION
X				D205-665-011	CABLE GUARD INSTALLATION
	X			D205-665-013	CABLE GUARD INSTALLATION
		X		D205-665-015	CABLE GUARD INSTALLATION
			X	D205-665-017	CABLE GUARD INSTALLATION
1				D2886-1	GUARD
	1			D2886-3	GUARD
			1	D3990-1	GUARD
		1		D2916-1	GUARD
		1		D2916-3	GUARD
		1		D2916-5	GUARD
		1		D2916-7	GUARD
		4		D2915	BUSHING
1		2	1	D2529	WASHER
6	6	8	2	D2570	BUSHING
4	3	4	2	AN4-47A	BOLT
		4		AN4-55A	BOLT
4	3	8	2	MS21042L4 (OR -4)	NUT
1		2	1	NAS1149D0463J	WASHER (OR AN960JD416)

WEIGHT AND BALANCE

Installation	Weight	Longitudinal	
		Arm	Moment
D205-665-011	2.22 lb 1.01 kg	145.2 in 3.69 m	322 in-lb 3.73 m-kg
D205-665-013	2.20 lb 1.00 kg	101.7 in 2.58 m	224 in-lb 2.58 m-kg
D205-665-015	6.96 lb 3.16 kg	117.2 in 2.97 m	816 in-lb 9.40 m-kg
D205-665-017	0.70 lb 0.32 kg	68.5 in 1.74 m	48 in-lb 0.56 m-kg

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO #01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 09.11.12
CERT. NO.: SH96-88
ISSUE NO.: 3

DESIGN		DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. D205-665	REV. D
MFG. APPR.	N/A	SHEET 2 OF 6	
APPROVED		TITLE	SCALE
DE APPR.		CABLE GUARD INSTALLATION	NTS
DATE	09.11.12	COPYRIGHT © 1999 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries